MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2018/2019

MMD1013 – MOBILE APPLICATION DESIGN AND DEVELOPMENT
(All sections / Groups)

08 MARCH 2019
9.00 AM - 11.00 AM
(2 Hours)

INSTRUCTIONS TO THE STUDENTS

1. This Question paper consists of 3 pages including cover page with 5 Questions only.

2. Answer **FOUR** out of FIVE questions. All questions carry equal marks and the distribution of the marks for each question is given.

3. Please print all your answers in the Answer Booklet provided.

Question 1

a. Draw the Waterfall diagram for mobile application development.   (9 marks)

b. Discuss each stage of waterfall diagram for mobile application design and development. Provide an example for each of the step   (16 marks)

(Total = 25 marks)

Question 2

a. What features do authoring tools provide that can help mobile application developers?
(13 marks)

b. Describe the different factors that a developer needs to take into consideration when choosing an authoring tool to develop a mobile application.   (12 marks)

(Total = 25 marks)

Question 3

a. What is Smoke Test in starting Minimum Viable Product? Provide an examples of a Smoke Test.   (5 marks)

b. Describe the basic principles in designing mobile application(s).   (20 marks)

(Total = 25 marks)

Question 4

a. What are the IDE letters short for? Explain what is an IDE and its purpose.   (7 marks)

b. List down and explain each of the User Interface Principles for designing mobile applications.   (18 marks)

(Total = 25 marks)

Continued...

Question 5

a. What does the term 'usability' refer to in mobile application development?   (5 marks)

b. List down the usability factors of a user for a mobile application.

(20 marks)

(Total = 25 marks)

End of Paper.